

Attorney's Docket No.: P9432

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

Jarvis C. Tou et al.

U.S. Serial No: 09/745,923

Examiner: Tan H. Trinh

Filed: December 22, 2000

Art Unit: 2618

For: Communication Module With  
Retractable Antennae and Method  
Therefor

Confirmation No: 2870

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

**DECLARATION UNDER 37 C.F.R. §1.131**

Sir:

I, Paul S. Collins, declare the following:

1. I am an inventor of the above captioned patent application ("the Application") and an inventor of the subject matter described therein.
2. At least prior to September 8, 2000, the invention claimed in the Application had been conceived and reduced to practice in this country.
3. As evidence of invention, attached hereto are Exhibits A and B. Exhibit A includes three CAD drawings of a PC card, and in its unredacted form, is dated prior to September 8, 2000. Exhibit B is an assembly view drawing of a PC card, which in its unredacted form, is dated prior to September 8, 2000.

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4. I declare, to the best of my knowledge, that all statements made in this document are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified patent application or any patent issued thereon.

Date:

7/18/2007



Name: Paul S. Collins

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Date: 7/18/2007



# Exhibit A

WLPO PC Card

Antenna

Torsional  
spring  
arm

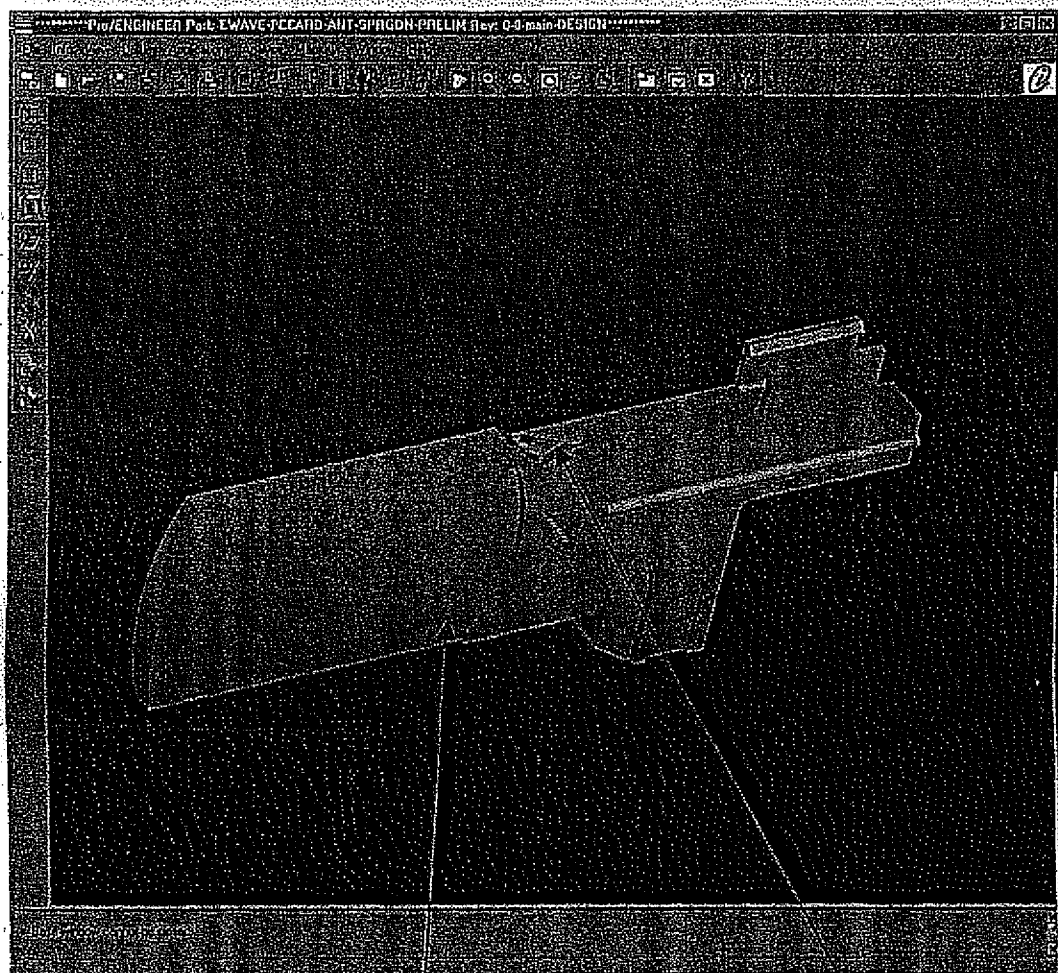
Adaptor

Antenna  
Module

Machined fixture to  
simulate the actual  
enclosure.

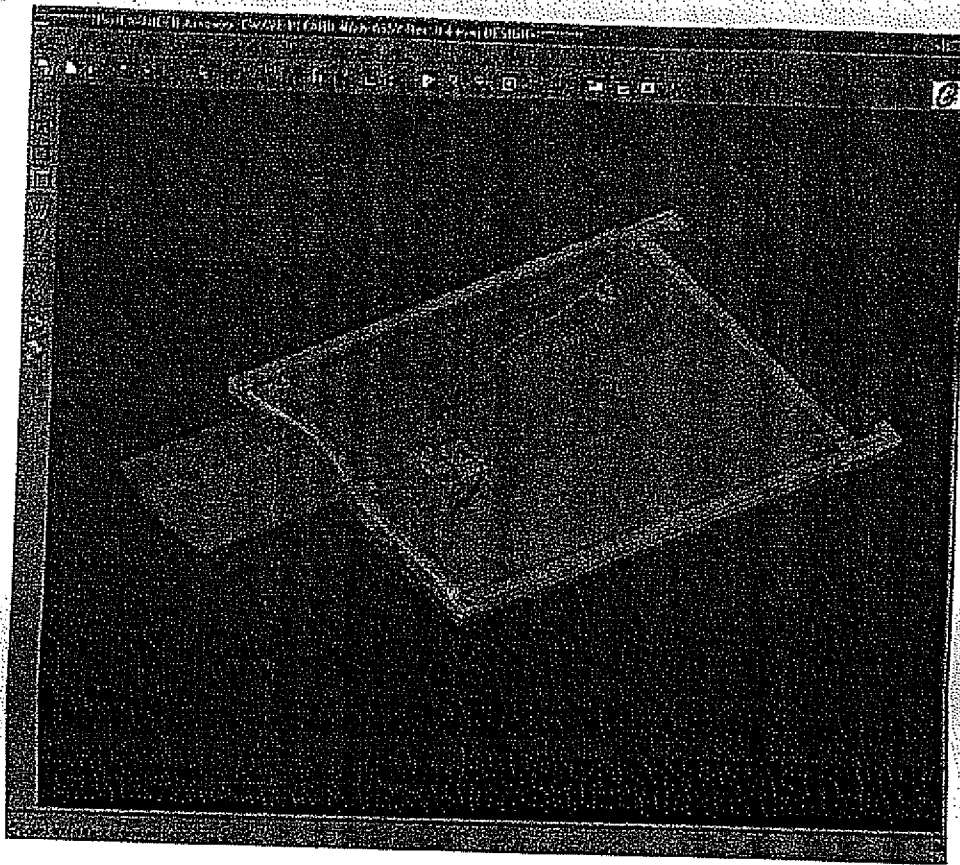
RF leaf spring  
contact

1/3



Antenna module (purple  
part in the previous  
picture)

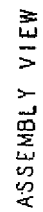
Track in which the tip of a  
metal wire arm (torsional  
spring arm in the previous  
picture) will ride.




REVISIONS		
REV	DESCRIPTION	DATE
00	PRELIMINARY	

REVISIONS		
REV	DESCRIPTION	DATE
00	PRELIMINARY	

1. FOOT PRINT AS SHOWN IS PROVIDED FOR REFERENCE PURPOSE ONLY.
2. CUSTOM EJECTING MECHANISM CAPABLE OF AN ANTENNA TRAVEL OF 2mm IS ASSUMED TO BE USED.
3. FOOT PRINT IS SUBJECTED TO CHANGES AS MECHANICAL DESIGN EVOLVES.
4. CLEARANCE BETWEEN RIGHTMOST EDGE OF PCB TO CARDUOUS CONNECTOR IS 0.1935 MM.
5. ALL DIMENSIONS ARE IN MM.
6. COMPONENT LOCATIONS SHOWN ON ASSEMBLY VIEW HAVE NOT BEEN FINALIZED AND ARE SUBJECT TO CHANGES.



ITEM QTY.	MATERIAL/PTC.	DESCRIPTION	BILL OF MATERIALS	PART NUMBER:	REV:
CATEGORIES:		RECEPTION:	(Customer Description)	PART NUMBER: 1 Customer Part Number	
Label:		(none)		FLEXTRONICS DESIGN, INC.	
PRODUCT		TITLE		PCB, PC CARD	
		SECTION DRAWN LEVEL 40 FLEXTRONICS DESIGN		SIZE A2 PART NO. YXXX-XY-XX REV 0	
ENGINE PRELIMINARY DRAWING ENWG PRELIM-PCB-PR1 POINTS TO FOLLOW: PCB-MAT-PCB-CARD-PRELIM.DRW THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO DOW AND SHALL NOT BE USED IN WHOLE OR IN PART WITHOUT CONSENT		SCALE: 2:1 SHEET 1 OF 1			

SALESMAN  
OF THE ENGINEERING